



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6605

SERIAL NUMBER 10/629,323	FILING DATE 07/29/2003 RULE	CLASS 360	GROUP ART UNIT 2653	ATTORNEY DOCKET NO. HITG.055PA(0523)
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Hardayal Singh Gill, Palo Alto, CA;
 Wen-Chien Hsiao, San Jose, CA;
 Jih-Shiuan Luo, San Jose, CA;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 10/27/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY CA	SHEETS DRAWING 10	TOTAL CLAIMS 32	INDEPENDENT CLAIMS 5
Verified and Acknowledged	Examiner's Signature <i>AZ</i> Initials				

ADDRESS

Chambliss, Bahner & Stophel, P.C.
 1000 Tallan Building
 Two Union Square
 Chattanooga, TN
 37402

TITLE

Method and apparatus for enhancing thermal stability, improving biasing and reducing damage from electrostatic discharge in self-pinned abutted junction heads having a second hard bias layer disposed away from the free layer

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
RECEIVED		